

Purchase Order Receipt Listing

Monday, June 12, 2017 1:21:39 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36550 Receipt Dates from 6/9/2017 to 6/9/2017 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-CAM002 Acier Ouellette Inc.											
PO36550	1		M1010S.125 -114 sf	sf	6/8/2017	6/9/2017	32.0000	\$1.96	0.0000	0	\$62.75
CAD	No		1010-1025 sheet .125 sf m137762	sf	32.0000	PLOU01		\$62.75	0.0000	0	
	3		M174R0.750 f	f	6/8/2017	6/9/2017	13.4000	\$6.05	0.0000	0	\$81.06
	No		17-4 Round bar .750 f m137762	f	12.0000	PLOU01		\$81.06	0.0000	0	
	4		M2024T3.050 sf	sf	6/8/2017	6/9/2017	48.0000	\$5.15	0.0000	0	\$247.09
	No		2024-13.050 sheet sf m137762	sf	48.0000	PLOU01		\$247.09	0.0000	0	
	5		M303R0.500 492 f	f	6/8/2017	6/9/2017	12.0000	\$1.91	0.0000	0	\$22.88
	No		303 Round Bar 0.500" f m137762	f	12.0000	PLOU01		\$22.88	0.0000	0	
	6		M304B0.250X4.000 f	f	6/8/2017	6/9/2017	12.0000	\$7.35	0.0000	0	\$88.23
	No		304 BAR .250 x 4.00 f m137762	f	12.0000	PLOU01		\$88.23	0.0000	0	
	7		M304B0.500X2.500 f	f	6/8/2017	6/9/2017	12.1000	\$9.57	0.0000	0	\$115.77
	No		304 BAR .500 x 2.50 f m137762	f	12.0000	PLOU01		\$115.77	0.0000	0	
	8		M304R1.000 497 f	f	6/8/2017	6/9/2017	12.0000	\$6.29	0.0000	0	\$75.46
	No		304 round bar 1.00 f m137762	f	12.0000	PLOU01		\$75.46	0.0000	0	
	9		M304S20GA sf	sf	6/8/2017	6/9/2017	64.0000	\$2.89	0.0000	0	\$185.28
	No		304/316 .040 Sheet sf m137762	sf	64.0000	PLOU01		\$185.28	0.0000	0	
	10		M6061T6B0.375X01. f	f	6/8/2017	6/9/2017	40.0000	\$0.83	0.0000	0	\$33.19
	No		000 6061T6 BAR .375 x 1.00 m137762	f	40.0000	PLOU01		\$33.19	0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Rev Date/ Rev Emp	Rev Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor Name: VC-CAM002 Acier-Ouellette Inc.											
PO36550	11		M6061T6B1.500X02. f 500		6/8/2017	6/9/2017	12.0000	\$9.79	0.0000	0	\$117.47
CAD	No		6061-T6 Bar 1.50 x 2.50 ml37762	f	12.0000	PLOU01		\$117.47	0.0000	0	
	12		M6061T6B2.000X01. f 250		6/8/2017	6/9/2017	12.0000	\$6.95	0.0000	0	\$83.35
No	No		6061-T6 Bar 2.00 x 1.25 ml37762	f	12.0000	PLOU01		\$83.35	0.0000	0	
	13		M6061T6R0.500 6061-T6 Round Bar .500"	f	6/8/2017	6/9/2017	40.0000	\$0.43	0.0000	0	\$17.31
No	No		ml37762	f	40.0000	PLOU01		\$17.31	0.0000	0	
	14		M6061T6R0.563 6061-T6 ROUND BAR .563	f	6/8/2017	6/9/2017	20.0000	\$0.72	0.0000	0	\$14.44
No	No		ml37762	f	20.0000	PLOU01		\$14.44	0.0000	0	
	15		71401-45 PROCUREMENT QUALITY CLAUSES		6/8/2017	6/9/2017	1.0000	\$0.00	0.0000	0	\$0.00
No	No		ml37762		1.0000	PLOU01		\$0.00	0.0000	0	

Total Received Quantity: 330.5000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$1,144.27
 Total Balance Due Quantity: 0.0000



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CL10001056
Date 2017/06/05
Delivery date 2017/06/09
Your order N° 36550

Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme NET 30

Shipped to
DART AEROSPACE LTD
, Ontario,

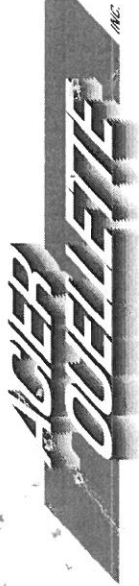
Billed to
DART AEROSPACE LTD
DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
					CMD	EXP	B/O	IN	I	S C
1	HR SHEET 11G (4 X 8) FEH-11G48 2984 1 X 4' X 8' HEAT:	160.00	32.00	PI2_\$CLB		14				
2	ROUND SS 3/4 17-4 PH (12R) RSS-34174PH-12 NS000005076 1 X 12' HEAT:		1.00	UN_\$UN		14 13'2"				
3	ALU SHEET .051 (16G) 2024-T3 (4 X 12) FEAL-0514122024 3142 1 X 4' X 12' HEAT:	34.46	48.00	PI2_\$CLB		14 4'x12"				
4	ROUND SS 1/2 303 (12R) RSS-12303-12 5726 1 X 12' R/L HEAT:	8.00	12.00	PI_\$CLB		14 12				

NIR : R-109516-6

8217-6-12



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

CO00033949

Customer N° CLI0001056
Date 2017/06/05
Delivery date **2017/06/09**
Your order N° 36550
Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme NET 30
Page 2

Billed to

DART AEROSPACE LTD
DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to
DART AEROSPACE LTD
, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
					CMD	EXP	B/O	IN	I	S C
5	FLAT SS 1/4 X 4 SS304 (12R) FSS-144-12 3521 1 X 12' R/L HEAT:	40.80	12.00	PI_\$CLB		14' 12'	✓			
6	FLAT SS 1/2 X 2 1/2 SS304 (12R) FSS-12212-12 NS000001700 1 X 12' R/L HEAT		1.00	UN_\$UN		14" 12'	✓			
7	ROUND SS 1 304 (12R) RSS-1-12 5712 1 X 12' R/L HEAT	32.04	12.00	PI_\$CLB		14' 12'	✓			
8	SHEET SS 20G SS304-2B (4 X 8) FESS-20G483042B 3430 2 X 4' X 8' HEAT:	100.48	64.00	PI2_\$CLB		24'	✓			

NIR : R-109516-6

8017-6-12

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056

Date 2017/06/05

Delivery date 2017/06/09

Your order N° 36550

Processed by Josianne Bourdon

Salesman OUELLETTE VALLEYFIELD

Carrier NET 30

Credit Terme

Page 3

Billed to

DART AEROSPACE LTD
DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
DART AEROSPACE LTD
Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
					CMD	EXP	B/O	IN	I	S	C
9	FLAT ALU 3/8 X 1 6061-T6 (20) FAL-381-20 2 X 20' HEAT:	18.00	40.00	PI_\$CLB		24	20				
10	FLAT ALU 1 1/2 X 2 1/2 6061-T6 (12) FAL-112212-12 2438 1 X 12' HEAT:	52.87	12.00	PI_\$CLB		14	12				
11	FLAT ALU 1 1/4 X 2 6061-T6 (12) FAL-1142-12 2453 1 X 12' HEAT:	35.28	12.00	PI_\$CLB		14	12				
12	ROUND ALU 1/2 6061-T6 (20) RAL-12-20 5126 2 X 20' HEAT:	9.24	40.00	PI_\$CLB		24	20				

SP17-6-12

NIR : R-109516-6



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056

Date 2017/06/05

Delivery date 2017/06/09

Your order N° 36550

Processed by Josianne Bourdon

Salesman OUELLETTE VALLEYFIELD

Carrier NET 30

Credit Terme 4

Page 5

Billed to

DART AEROSPACE LTD
DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
DART AEROSPACE LTD
Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route

5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
13 ROUND ALU 5/8 6061-T6 (20) RAL-58-20 1 X 20' HEAT:	7.22	20.00	PI_\$CLB		17 20					
14 PLAT SS 17-4 PH 1/4 X 4 (12) NS000005629 1 X 12' HEAT:		1.00	UN_\$UN			17				

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 498.39

NIR : R-109516-6

Prepared By :

Verified By :

Delivered By :

Time

Y	M	D

Customer's Signature

Date

Total (\$CAD)

DELIVERY - USINE



ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

2017/06/05

2017/06/09

36550

Josianne Bourdon

OUELLETTE VALLEYFIELD

NET 30

1

Billed to

DART AEROSPACE LTD
DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
Ontario,

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
					CMD	EXP	B/O	IN	I	S C
1	HR SHEET 11G (4 X 8) FEH-11G48 2904 1 X 4' X 8' HEAT: 742315	160.00	32.00	PI2_\$CLB						
2	ROUND SS 3/4 17-4 PH (12R) RSS-34174PH-12 NS00005076 1 X 12' HEAT: SC2917-E30		1.00	UN_\$UN						
3	ALU SHEET .051 (16G) 2024-T3 (4 X 12) FEAL-0514122024 3142 1 X 4' X 12' HEAT: 01/0067462/5	34.46	48.00	PI2_\$CLB						
4	ROUND SS 172-303 (12R) RSS-12303-12 5726 1 X 12' R/L HEAT: 427059	8.00	12.00	PI_\$CLB						

PAR E-MAIL LE 08 JUIN 2007

NIR : R-109516-6

DELIVERY - USINE

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CLI0001056

Date

2017/06/05

Delivery date

2017/06/09

Your order N°

36550

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

NET 30

Page

2

Billed to

DART AEROSPACE LTD
DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
,
Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
5 FLAT SS 1/4 X 4 SS304 (12R) FSS-144-12 3521 1 X 12' R/L HEAT:512698	40.80	12.00	PL \$CLB								
6 FLAT SS 1/2 X 2 1/2 SS304 (12R) FSS-12212-12 NS000001700 1 X 12' R/L HEAT:TR01381	1.00	UN \$JUN									
7 ROUND SS 1 304 (12R) RSS-1-12 5712 1 X 12' R/L HEAT:Y9X8	32.04	12.00	PL \$CLB								
8 SHEET SS 20G SS304-2B (4 X 8) FESS-20G483042B 3430 2 X 4' X 8' HEAT:222X	100.48	64.00	PL2 \$CLB								

NIR : R-109516-6

Next Page...

DELIVERY - USINE



ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056
Date 2017/06/05
Delivery date 2017/06/09
Your order N° 36550

Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme NET 30

Shipped to
DART AEROSPACE LTD
Ontario,
Att : CHANTAL LAVOIE Tél.: 613-632-5200
Delivery Route 5

Billed to
DART AEROSPACE LTD
DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Page 3

	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only					
					CMD	EXP	B/O	IN	I	S	C	OUT	
9	FLAT ALU 3/8 X 1 6061-T6 (20) FAL-381-20 2610 2 X 20' HEAT:13121091A	18.00	40.00	PI_\$CLB									
10	FLAT ALU 1 1/2 X 2 1/2 6061-T6 (12) FAL-112212-12 2438 1 X 12' HEAT:11091602	52.87	12.00	PI_\$CLB									
11	FLAT ALU 1 1/4 X 2 6061-T6 (12) FAL-1142-12 2453 1 X 12' HEAT:106660	35.28	12.00	PI_\$CLB									
12	ROUND ALU 1/2 6061-T6 (20) RAL-12-20 5126 2 X 20' HEAT:68724	9.24	40.00	PI_\$CLB									

NIR : R-109516-6

DELIVERY - USINE

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl.: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl.: 514-336-4246 Ext.: 866-456-4242

Customer N°

Date

Delivery date

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

Billed to

DART AEROSPACE LTD
DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S
13 ROUND ALU 5/8 6061-T6 (20) RAL-58-20 5168 1 X 20" HEAT-66092	7.22	20.00	PL_\$CLB						
14 PLAT SS 17-4 PH 1/4 X 4 (12) NS00005629 1 X 12" HEAT:	1.00	UN_\$UN							

Total Weight (Lbs) : 498.39

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% resending charge.

Total (\$CAD)

Prepared By :	Verified By :	Delivered By :	Time

Customer's Signature

Date

28/11/2016

TEL - 115448
FAX - 115410

ArcelorMittal Dofasco G.P.
Hamilton, Ontario
L8N 3J5

Purchase Order/Bon de Commande
G 46214 NOV
Bill of Lading/Connaissement
417056

Sold To/Vendu A
LES ACTIERS TRANSBEC (1997) LTEE
4054 LE COURBUSTIER, SUITE 201
LAVAL, QC
H7L 5R2

Spec/Norm et Spec
ASTM A361/A361M CS TYPE B (10)
STANDARD THICKNESS TOLERANCE
STANDARD UNEXPOSED SURFACE
MATERIAL CERTIFICATION REQUIRED

Printable Test Report

TEST REPORT
RAPPORT D'ESSAI

Page 1 of 1

Customer/Client
612595
Sales Order/Bon de Commande
HS2 369644983
Packing Slip/Bordereau de Charge
Vehicle or Carrier/Vehicule ou Transporteur

Ship To/Expéditeur A
COILEX - VARENNES
350 RUE JEAN COUTU, SUITE DOOR #1
VARENNES, QC
J3X 0E1

CORNER DE L'ENERGIE/DEAN COUTU
Material Description/Description du Material
HOT ROLLED STEEL SHEET
COMMERCIAL STEEL
COILS

MILL EDGE PLAIN DRY
1150 MIN 1250 X 48 X COIL
WEIGHT: 43040 LBS
Country of Origin/Pays d'origine
CANADA
Test Methods/Methods d'Essai
ASTM E1019, E415

HEAT Chemical testing performed by an ISO/IEC 17025 Certified Laboratory
COULEE C Mn P S Si Cu Ni Cr Sn Mo Als ALN CB V Ti Ca N B P
742335 .04 .15 .005 .012 .007 .04 .02 .02 .002 .004 .033 .001 .001 .0023 .0002

SERIAL NUMBER
L55013/02
LIFT #
FARD/NU
3618213

298441544
AC 1880 Coiler
298247550
20

We Certify That The Material Described Herein Conforms To The Specification Shown On This Document
ArcalonVirtual Dorasco G.P. as per Lesley Taggart - CMTL Supervisor

The Results Relate Only To The Items Tested
This Report Shall Not Be Reproduced Except In Full Without The Expressed Written Approval of The CMTL Supervisor.

This Contract Is Subject To The Terms And Conditions Of Sale Shown On The Order Acknowledgement.

Ce Contrat est Sujet aux Termes et Conditions de Vente Indiqués Sur l'Accuse de Réception de Commande.

CO. 33949

cl. 1056

Dant

Certificate of Mill Test Results

ACIER OUELLETTE DIV. VALLEYFIELD
 BARRE RONDE ACIER INOX. 17-4 STAINLESS
 .75" DIA X 145.0000"
 PART NO.

PO/Ref AC00006527

Nous certifions que le document reproduit ici est
 une copie conforme du rapport fourni par le
 fournisseur du matériel ou les données résultent

de l'analyse faite par un laboratoire qualifié.
 SIGNE PAR: *BW*

BL VIM-511908-001

6 Jun 17

Pg 1/2



GLORIA MATERIAL TECHNOLOGY CORP.

台南市新營區新中路35號
 NO. 35, HSIN CHUNG RD., HSIN YING,
 TAINAN, TAIWAN
 TEL: 886-6-6520031
 FAX: 886-6-6520088

INSPECTION CERTIFICATE

Messrs: Fidelity PAC Metals Ltd.

Order No: 2012009654

FILE NO: 2013001084-A

Grade: 17-4 ANN

Size: 3/4"

HEAT-Lot No: SC2917-E30

Condition: HR-Solution Annealed-Ground

P.O. NO.: P002273

Date: 02/28/2013

Weight: 1060.0KG 2336.90LB

P'cs: 118

Chemical Composition (wt%)

	C	Si	Mn	P	S	Ni	Cr
Min.						3.00	15.00
Max.	0.07	1.00	1.00	0.04	0.03	5.00	17.50
Result	0.02	0.46	0.63	0.03	<0.01	4.41	15.06
	Mo	Cu	Nb+Ta				
Min.		3.00	0.15				
Max.	0.50	5.00	0.45				
Result	0.12	3.46	0.21				

Mechanical Properties Spec.

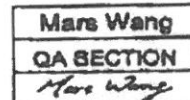
	Hardness	Grain Size	Delta-Ferrite
		ASTM E112	AMS 2315
Spec. Min.	1/2R	T	L
Spec. Max.	363HBW		5%
Result	325HBW	8	0.3%

H900 Hardness (Ave)

Spec. Min.	1/2R L
Spec. Max.	40HRC
Result	44HRC

Tensile Test

	Elongation(A)	Tensile Strength(Rm)	Yield Strength(0.2% Rp)	Reduction of Area(Z)
	1/2R L	1/2R L	1/2R L	1/2R L
	(Ave)	(Ave)	(Ave)	(Ave)
Unit	%	KSI	KSI	%
Min.	10	190	170	40
Max.				
Result	15	202	179	56



Page 1 of 2

Our quality and environment management systems have been certified by AS9100, ISO9001 QMS, ISO14001 EMS, OHSAS18001 OHS, and NADCAP.
 We hereby certify that the material described herein has been manufactured and tested with satisfactory results in accordance with
 the requirement of the above material specification. Inspection Certificate comply with EN 10204 3.1.

Certificate of Mill Test Results

ACIER OUELLETTE DIV-VALLEYFIELD
BARRE RONDE ACIER INOX 17-4 STAINLESS
.750" DIA X 145.0000"
PART NO.

PO/Ref AC00006527

Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
fournisseur du matériel ou les données résultent

de l'analyse faite par un laboratoire qualifié.
SIGNE PAR:

BL VIM-511908-001

6Jun17

Pg 2/2



GLORIA MATERIAL TECHNOLOGY CORP.

台南市新營區新中路35號
NO.35, HSIN CHUNG RD., HSIN YING,
TAIWAN, TAIWAN
TEL : 886-6-6520031
FAX : 886-6-6520088

INSPECTION CERTIFICATE

Messrs: Fidelity PAC Metals Ltd.

Order No: 2012009654

FILE NO: 2013001084-A

Grade: 17-4 ANN

Size: 3/4"

HEAT-Lot No: SC2917-E30

Condition: HR-Solution Annealed-Ground

P.O.NO.: P002273

Date: 02/28/2013

Weight: 1060.0KG 2336.90LB

P'cs: 118

Non-Metallic Inclusions :AMS 2303E

Severity Frequency

Seat

Max.

Result

0

0

Specification:

1. ASTM A484M-08, A564-08.

2. AMS 5643R, 2303E (Mag particle test).

3. ASME SA564(04).

4. EN 10204 3.1.

5. AMS 2315E.

Remark:

1. MELTING PROCESS: EAF+LF+VOD

2. MATERIAL IS FREE FROM KNOWN CONTACT WITH MERCURY & RADIUM.

3. MATERIAL IS FREE FROM WELDS OR WELD REPAIRS.

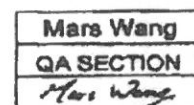
4. NO PRODUCT THAT CONTAIN OR WERE MADE WITH ODC'S.

5. SOLUTION TREATMENT A: 1900 DEGREE F > 30MIN/INCH, RAPIDLY COOLED TO BELOW 90 DEGREE F.

6. REPORT REDUCTION RATIO 4:1 MINIMUM.

7. COUNTRY OF ORIGIN: TAIWAN.

8. THE MATERIAL IS THE SAME AS AISI 630.



Page 2 of 2

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We hereby certify that the material described herein has been manufactured and tested with satisfactory results in accordance with
the requirement of the above material specification. Inspection Certificate comply with EN 10204 3.1.

Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 85170692

01 / 1

Rev.: 0

Seite / page:

1 von / of 3

Datum / date:

2015 05 07

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Auftraggeber / customer:	Bestell Nr. / order no.:	C 69965
	Datum / date:	2015 02 05
Warenempfänger / consignee:	Auftragsbest. Nr. / order confirm no.:	688222
	Datum / date:	2015 02 09
	Lieferschein Nr. / delivery note:	85170692
	Datum / date:	2015 05 29

Produkt / product	Bedingungen / terms
Form / form: Sheet Werkstoff / material: 2024 Zustand / temper: T3 Dim. / dim.: (inch): 0,050x48,00x144,00	Technische Lieferbedingungen / techn. spec.: AMS-QQ-A-250/4A, 09.1998 ASTM B 209-10 AMS 4037Q, 12.2014 WL 3.1354-1, 12.1987 Cessna CMMP019, Rev. D, 09-07-01 Cessna CMMP025, Rev. U, 05-26-11 ANSI H35.2-2013 ABM 1-6015, Issue 2, OCT 2004 AIR9048-110, 26 December 1978 Sondervorschrift / special terms:

AB-Pos. ord.-item.	BNr/Los/Teillos Lot/No./Part	Guss Nr. cast no.	Werkstoff material	Kollo packno.	Gewicht netto weight net	Stk. pcs.
05	68968/01/00	01/0067462/5	2024	6882220002	2427,249 lbs	70
05	68968/01/00	01/0067462/5	2024	6882220003	2215,608 lbs	64

Chemische Zusammensetzung ([%] Gewichtsanteile) / Chemical composition ([%] weight proportion (OES))											
Guss Nr. / cast no.	material	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Ti+Zr	Others Each
01/0067462/5 <i>CB</i>	2024	-	-	3,8	0,30	1,2	-	-	-	-	-
	spec. min.	-	-	3,8	0,30	1,2	-	-	-	-	-
	spec. max.	0,50	0,50	4,9	0,90	1,8	0,10	0,25	0,15	0,20	0,05
	actual	0,10	0,11	4,5	0,52	1,5	0,01	0,16	0,04	0,05	0,02
	Others Total										
	spec. min.	-									
	spec. max.	0,15									
	actual	0,04									

Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 85170692

01 / 1

Rev.: 0

Seite / page:

2 von / of 3

Datum / date:

2015 05 07

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Zugprüfung LT / tensile test LT									
BNr/Los	Zustand	Richtung	Tests		UTS	YS	A2"		
Lot/No.	temper	direction			[ksi]	[ksi]	[%]		
				spec.min.	63,8	42,1	15		
				spec.max.	-	-	-		
68968/01	T3	LT	6	from	67,3	48,6	17		
68968/01	T3	LT		to	67,7	49,0	18		

Elektr. Leitfähigkeit GM / electr. Conductivity GM									
BNr/Los	Zustand	Tests			L / ec	ΔL / Δec per batch			
Lot/No.	temper				[% IACS]	[% IACS]			
				spec.min.	-	-			
				spec.max.	32,8	2,6			
68968/01	T3	18		from	30,2	0,3			
68968/01	T3			to	30,5	0,3			

Sonstige Prüfungen / other tests									
Biegeversuch: OK. / Transverse bend test: OK.									
Interkristalline Korrosion: OK. / Intergranular corrosion: OK.									
Maßkontrolle: OK. / Dimensional Check: OK.									
Oberfläche: OK. / Surface inspection: OK.									

Bemerkungen / notes									
Die Dimensionstoleranzen entsprechen ANSI XXX / As standard, dimensional tolerances are to ANSI XXX									

Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate - mill certificate

Nr.: 85170692 01 / 1

Rev.: 0

Seite / page: 3 von / of 3

Datum / date: 2015 05 07

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Ausgestellt nach Airbus Zulassung Nr. 30272.

Wir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt aller Forderungen (Spezifikationen, Zeichnungen, Aufträge) hergestellt und geprüft wurde.

Das Qualitätsmanagementsystem erfüllt die Anforderungen der AUK/SA/001-3.

Hergestellt, kontrolliert und geprüft nach Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland Genehmigung Lieferantenummer V21275

Issued under Airbus Approval No. 30272.

Certified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise stated above conform in all respects to the Specifications, Drawings and Contract.

Order relevant thereto The Quality Management System arrangements in respect of these supplies comply with the requirements of AUK/SA/001-3.

Manufactured, inspected and tested according Hawker Beechcraft HBIFSAS/PART3/0771

Agusta Westland approval supplier code V21275

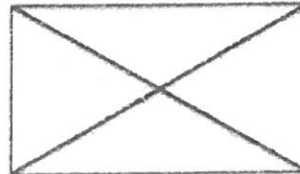
Es wird bestätigt, dass die Lieferung geprüft wurde und den Vereinbarungen bei der Bestellung entspricht.

We hereby certify that the material described above has been tested and complies with the terms of the order contract.

Werkstattverständiger / factory specialist	E-Mail / e-mail
Rendl Herbert	h.rendi@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.

Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.



Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephone number : 0039 (0) 444968211

Cliente / Besteller/Purchaser/Clien
VALBRUNA CANADA LTD
8724 HOLLGATE CRESCENT
L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Produttore: **STABILIMENTO DI BOLZANO**
Hersteller/Hersteller/Hersteller

Stato di fornitura: Hot rolled - Annealed Cold Drawn
Lieferzustand/Delivery state/État de livraison

Specifiche:
Anforderungen / Requirements / Exigences

VSI 0 303 HS A,CF
AMS 5640 U TYPE1 A
ASTM A320 2011A B8F (1)
MIL-S-862 B/1 303

AISI 303
ASME SA320 2013 B8F (0)
ASTM A370 2013
QQ-S-764 B/2 303 A

(0) SECTION II PT.A 2013 EDITION
(1) Chemical analysis only.

Qualità: 303HS
Werkstoff/Grade/Qualität

Marca: MV188ZHS
Markenbezeichnung
Brand/Marken

Tolleranza: ASTM A484-14 TABLE 7
Toleranz/Tolerance/Tolérance

Punzonatura: 303HS
Markenzeichnung/Marking/Markierung

Pos. nr. Pos. nr. Nr. de pièce	Oggetto Gegenstand Product description Description du produit	Dimensioni - In Abmessungen Dimensions Dimensions	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coutée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losnr. Lot nr. Lot nr.
0010	Round	0,5000	145 / 145	427059		2.249	415607210

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf Lieferbereitschaft Produkt test à l'état de fourniture Probe selon le matériel tel que livré

TEST	Prova/Prüfung Specification Lag. nach DIN Bau- und Werkstoff Lag. nach DIN mm	Temperatura °F Temperatur °F °F	Snervamento Zugversuch Yield Stress Yield Stress k.s.l. k.s.l.	Snervamento Zugversuch Yield Stress Yield Stress k.s.l. k.s.l.	Resistenza Zugversuch Tensile strength Tensile strength k.s.l. k.s.l.	Allungamento Zugversuch Elongation Elongation %	Sirizione Zugversuch Reduction of area Reduction of area %	Resistenza Zugversuch Tensile strength Tensile strength k.s.l. k.s.l.	Durezza Härte Härte HB
Valori richiesti 1 Anforderungen/Required values Valeur demandée		min max							140 255
A	8.75	68 L	91		106	22	47		228
TEST					min	max			
A	Grain size for ASTM E112						6		

1) L - longitudinale/long. Transversale/quer Qu - Tangenziale/tangential

Mechanical properties according to ASTM A370.

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata Heat Schmelze/Gusste	min 0,030 max 0,050	0,20 1,00	1,50 2,00	17,00 19,00	0,60 1,00	1,00 10,00	0,100 10,00	0,32 10,00	0,4000 10,00						
C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	Zr %					
427059	0,042	0,41	1,84	17,48	0,51	0,64	8,10	0,083	0,029	0,34	0,0043				

Produced without class I-II Ozone depleting substances.
Solution heat treated free from continuous carbide network.
Annealing temperature : 1940 ° F for 0.50h/water.
Micro and macro etch test : OK
Reduction ratio > 4 : 1
Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
Die geforderten Anforderungen sind erfüllt
The material has been finished in accordance with the requirements
Le matériau a été traité conforme aux exigences

Controllo antimescolanza: OK
Verwechselungsprüfung: erfolgreich durchgeführt
Antimixing testing performed: OK
Controlle antimesclage: OK

Controllo visivo e dimensionale: soddisfatti le esigenze
Baugruppen und Ausmessung: alle Bedingungen
Visual inspection and a dimensional check satisfactory
Controlle visuel et dimensionnel: satisfait

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

Bolzano, 24/11/14

691005
(Mod. MCE2)

Il collaudatore di stabilimento / der Werksachverständige / Works inspector / L'agent d'usine

M. Rizzotto

Pagina - 1 di 2

192173

Acciaierie Valbruna S.p.A.



CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephon number : 0039 (0) 444968211

Cliente / Besteller/Purchaser/Clijent
VALBRUNA CANADA LTD
8724 HOLGATE CRESCENT
L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Produttore: **STABILIMENTO DI BOLZANO**
Hersteller/Usine productrice

Stato di fornitura: Hot rolled - Annealed Cold Drawn
Lieferzustand/Delivery state/Etat de livraison

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-BZ14008766
Lieferanweisung/Packing list B.I.

Ordine nr: 407004840 Stock - Canada
Bestell./Your order/Commande

Tipo di Elaborazione: E+AOD
Erzeugnisbezeichnung/Manufacturing process/Mode of elaboration

Certificato nr: MEST606752/2014/
Prüfung/Test/Essai

Conferma ordine nr: E114007074
Werk Auftr.-Best.-Nr.

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Sigle de l'usine productrice

Funzione del Collaudatore:
Stempel des Werkstoffverständigen
Inspector's stamp/Pointon de l'essayeur



The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, §. 4.3 by TÜV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

Maximal and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Bolzano, 24/11/14

89.008
(Mod. MDE2)

Il collaudatore di stabilimento / per Werkstoffverständiger / Works inspector / l'agent d'usine


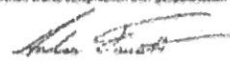
M. Rizzotto

Pagina - 2 di 2

#3521 FSS-144 TR 939

2170:
47429

Re: Steel

Manufacture / Fabricante / Hersteller outokumpu 		Type of document / Tipo de documento / Art der Prüfbescheinigung INSPECTION CERTIFICATE CERTIFICADO DE INSPECCION ABNAHMEPRÜFZEUGNIS according to / de acuerdo con / nach EN 10204-3.1		Document number / N° de certificado / Bescheinigungs-Nr. 0000238008 /							
1 Steel Drive; P.O. Box 13000; Calvert, AL 36513-1300		Customer's order number / N° de Pedido Cliente / Kundenbestellung TD-2170									
		Manufacturer's work order no. / N° de Pedido Manufactura / Werksauftrag-Nr. 001209098 / 004									
		Delivery order no. / N° de Entrega / Lieferungs-Nr. 85435888 / 010									
		Product / Producto / Erzeugnis COIL/ROBINA/BAND									
Terms of delivery / Condiciones de entrega / Lieferbedingungen ASTM A240/A240M-16, ASME SA-240 Sec. II part A Ed.2015 ASTM A480/A480M-16a, ASME SA-480 Sec. II part A Ed.2015		Steel grade and quality / Acero / Stahlsorte und Gütegruppe TYPE 304L/304									
Customer's material no. / N° de material del cliente / Kundenmaterial-Nr.		Product dimensions (Thickness / Width / Length) / Dimensiones (Espesor / Ancho / Largo) / Maße des Erzeugnisses (Dicke / Breite / Länge) 0.35 mm x 1,219-29 mm 0.2500 inch x 48.0000 inch		Spinning procedure / Proceso de mandado / Herstellung ADD							
Finish / Acabado / Ausführung Ila / 1D / No.1											
Packing No. / N° de Embalaje / Paket-Nr.	No. of pieces / Piezas / Stückzahl	Actual weight / Peso actual / Ist-Gewicht	Apical length / Longitud actual / St-Länge	Coil No. / Bobina No. / Band-Nr.	Heat No. / Calada / Schmelze	Sample Id. / N° de muestra / Proben-Id.	Sample Id. / N° de muestra / Proben-Id.				
7057277	1	20,887 lb / 9,465 kg	405 R / 151 m	783735	512898	1000427273	1000427274				
Sum / Suma / Summe	1	20,887 lb / 9,465 kg									
Heat / Calada / Schmelze	Country of Heat / País de calada / Erzeugungsort	Chemical composition / Composición Química / Chemische Zusammensetzung									
512898	USA	% C	% Si	% Mn	% P	% S	% Cr	% Mo	% Ni	% N	% Cu
		0.024	0.38	1.40	0.028	0.0010	18.24	0.35	8.01	0.073	0.60
Sample Position / Localiz. de la muestra / Probenlage		TRANSVERSE									
Inspection lot / Lote de inspección / Prüfung	YS0.2%	T6	El. A2"	HRB							
	PSI / MPa	PSI / MPa	%								
1000427273	48,990 / 324	92,820 / 640	55	62							
1000427274	42,349 / 292	88,616 / 611	60	80							
Resistant to intergranular corrosion / Resistente contra corrosión intergranular / Beständig geg. interkrist. Korrosion. ASTM A 262 PRACTICE E - Sample Acceptable											
Dimensions-surface / Dimensiones-Superficie / Maße-Oberfläche: OK											
Test of identity (spectrum analysis) / Control de identidad (análisis espectrográfico) / Verwechslungsprüfung (Spektralanalyse): OK											
Heat Treatment: Solution annealed 1920°F Min / Air cooled											
No welding or weld repairs were performed on this material											
No intentional additions of Mercury compounds were made or used											
Free of radioactive contamination											
EU RoHS Directive 2011/65/EU Compliant											
Product manufactured in the USA											
Country of Heat as per ISO 3165-1											
Originator of the document / Originador del documento / Aussteller der Bescheinigung Outokumpu Stainless USA, LLC An ISO 9001: 2008 certified company EU PED 97/23/EC, Annex I, 3.3 certified		The information provided is a true copy of data on file / Los valores proporcionados corresponden a los datos archivados / Die gegebenen Werte entsprechen den gespeicherten Daten  Andrew Fouch Planner #1231 828 3162				Date of issue and validation / Fecha de emisión y validación / Datum Ausstellung / Bestätigung 11/01/2016		This document shall not be shared or reproduced, except in full. Fraudulent, deceptive, or false statements or entries may be protected by law.			
Certificate generated automatically / Certificado generado automáticamente / Das Zeugnis wurde elektronisch erstellt		Name of expert / Nombre del experto / Name des Sachverständigen									

PHOENIX TUBE COMPANY, INC.

Manufacturer of Stainless Ornamental and Structural Tubing

CERTIFICATION OF TEST

Sold To:

Ship To:

CUSTOMER ORDER#: C108358

CUST REF NBR:

DATE SHIPPED: 03/07/17

SIZE: 2-1/2" X 1/2" HRAP

SOURCE: USA

VENDOR: NAS

Phone# 5492603

Ext:

ORDER#: 418918

QTY SHIPPED: 1125.0

GRADE: 304L

NO WELD: BAR

HEAT#: 174M

TEST REPORT#: TR013831

Report Date: 10/20/16

Specification:

CHEMISTRY THIS COLUMN:

ASTMA276-16a

ASME SA276-13A COND. A

ASTMA479-16a

ASME SA479/13

NO WELD REPAIR

EN 10204 2.2

RoHS Compliant

ASTM A262-14, PRACT/ E

CORROSION OK, HRAP

ASTM A484-15

ASME SA484-13

ASTM A480-16b

ASME SA 480-13

ASTM A240-16a

ASME SA240-13

MILS 5059D AMEND 3

AMS5511J/AMS5513J

NACE MR0175/MR0103

AMS 5639H / AMS 5647J

QTY SHIPPED EQUALS LBS.

TYPE 304/304L DUAL CERTIFIED

UNS# 30400 / 30403

ASTM A666-15

AMS-QQ-S-763D COND A

QQ-S-766F, COND. A

CHEMISTRY ONLY

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. MATERIAL IS FREE OF MERCURY CONTAMINATION.
MATERIAL HAS BEEN HEATED TO A MINIMUM OF 1900 DEG. F AND IS SUBSEQUENTLY COOLED RAPIDLY TO PREVENT CARBIDE PRECIPITATION, SOLUTION ANNEALED

Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	TI
.01	1.80	.030	.001	.27	18.12	8.03	.32	.39	N/A	.08	N/A

Physical Analysis

	YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 80	46490	N/A	92500	N/A	64	74

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.
PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

Melted & MFG in USA DFARS 252.225 Subsection Compliant, FAR BAA, DFAR BAA, FAR TAA Complies

CERTIFIED BY Inventory Control Dept.

Janet L. L...

1185 WIN DR, BETHLEHEM, PA., 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073

178121



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 184079 2 Mail To:
Customer: 007035 510

Ship To:

46214

Date: 6/01/2016 Page: 1
Steel: 304/304L

Your Order: 779534

NAS Order: PN 0065957 05

Corrosion: ASTM A262-10 Part A/E OK
Red Ratio: 69.4 : 1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30400/30403 EN 10204 3.1, ASTM A484/15
ASTM A276/15, ASTM A479/15, ASTM A182/13 CHEM ONLY,
ASME SA182/10 CHEM ONLY
AMS 5639H, AMS 5647J, AMS QCS-763D, QCS-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/02 CL 1 GR B8
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 232.225-7009 EU DIRECTIVE
2011/65/EU. ROHS. EAF+AD+CC. NO WELD REPAIR. HEATED AND XPG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product ID	Std # Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BH9480 7			1.048	144.00	6	1	71553100

CHEMICAL ANALYSIS

CM(Country of Mfg) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/14a

HEAT	CE	C %	CO %	CR %	CU %	EN %	MO %	N %	NI %	P %
Y928	US	.0194	.2095	18.1820	.1065	1.3635	.3380	.0558	8.5370	.0295
	S %	SI %								
	.0265	.2450								

MECHANICAL PROPERTIES

Product ID	1 d o f t	HB No.	.2YS KSI	UTS KSI	RA %	ELong % AD
BH9480 7	EL	220.0	76.86	107.35	67.16	42.43

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

6/01/2016



North American Stainless Canada Inc.
740 Imperial Road North
Georgetown, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Georgetown, KY 40445-9615
(502) 347-6000

Certificate: 245735 1 Matl Test

Ship To:

Customer: 007035 501

Date: 12/12/2016 Page: 1

Your Order: 785809

NAS Order: PN 0072898 04

Corrosion: ASTM A262/15 B, 180 Bend - OK

PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, C.N. ANNEALED & PICKLED; UNS 30400
ASTM A240/15B, A480/15, A666/15, ASME SA240/15, SA480/15, SA666/15
CHEM ONLY ON FOLLOWING ASTM: A276/15, A479/15, A484/15, A312/15
AMS 5513J MARK; MIL-8-5059D AMENDS (X CHROM WELDS)
NACE MR0175/ISO 15156-3:2009 A, MR0103/07, Q00760D-X X HAS 923M
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204/2004 3.1; ROHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg by a Quality Mfg. Sys. in Conf. w/ISO 9001
*Welded & Manufactured in the USA; Mat'l is DRAMS Compliant

Product Id	Coil #	Std #	Thickness	Width	Weight	-----	Length	Mark	Pieces	Commodity Code
04222X A	04222X A		.0360	48.0000	15.850	COIL		14	1	76257403

CHEMICAL ANALYSIS

CM(Country of Matl) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/14a

HEAD	CM	C %	CR %	CU %	2N %	MO %	N %	NI %	P %	S %
222X	05	.0637	19.0040	.3655	1.7640	.2635	.0695	8.0280	.0305	.9010
		SI %								
		.2475								

MECHANICAL PROPERTIES

Product Id#	Coil #	1 d i a	4 UTS	20C .2% YS	20C ELONG	% Hard	Temp	Grain
04222X A	04222X A	F T	103.42	56.92	47.45	89.50	89.00	10.00

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

12/12/2016

ACIER OUELLETTE INC

P.O.

AC3886

S.O. - 388868

#3430

TESS 00770000

47574

2610

FAL 381

TR

47300

opie d'archive

Material Test ReportManifest: 272337Ticket:
5345729

Our Order: 400728 - 6

Cust P.O.: LAV-15648

Die: ES05691

Part: 3420604

Alloy Temper: 6061 T6

Description: 375 x 1.000

Print Date: 1/15/14

Chemical Composition Range

6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

Mechanical Properties

Strength ksi

<u>Sample ID</u>	<u>Cast #</u>	<u>Lot #</u>	<u>Test Date</u>	<u>Ultimate Tensile</u>	<u>Yield 2% offset</u>	<u>Elongation 2" gage length</u>
500686	13121091A	A11	1/14/14	41.76	37.37	11.4

Applicable Specifications: ASTMB221-13 QQA200/8

Country of Origin: ONTARIO, CANADA

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:


Evan Eng, Quality Assurance Mgr.



Can Do.

Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
278833	1

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT
	314705	MRB0657	11/22/2016
SHIP TO	CUSTOMER PO	ALLOY / TEMPER	SALESPERSON
	C73639	6061-T6511	D. Schroeder (Canada)
Quantity Certified	CUSTOMER PART NUMBER	DESCRIPTION	
1,710 lbs 32 pcs	V836661	SCRP-1.500x2.500	

CERTIFICATION
ASTM-B221-14 No Stencil
SPECIFICATION
AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DEARS compliant.

Mechanical Properties

Tests Lot No.

Test	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
5	201619859	11/15/16	min 46.90	min 43.20	min 15.60
3	201620153	11/18/16	max 49.70	max 46.80	max 18.60
			50.50	53.80	50.30
					15.90

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Melt Source:
												Each	Total
11091602	201620153	6061	0.74	0.35	0.32	0.09	0.91	0.09	0.06	0.02	97.42	0.05	0.15
1K161101B	201620153	6061	0.76	0.38	0.34	0.10	0.88	0.10	0.03	0.03	97.38	0.05	0.15
												United States of America	United States of America

SCM products are melted and extruded in the USA

Charles J. Williams, Director of Quality & Technical Services

Rev 9/8/16

Print Date: 11/22/2016

47634
2P

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CB

CUSTOMER PO NUMBER: 787479-1		CUSTOMER PART NUMBER: 51318871/EAST		PRODUCT DESCRIPTION: 1.250 X 2.000 SC RECT BAR	
KAISER ORDER NUMBER: 6021208	LINE ITEM: 001	SHIP DATE: 11/29/2016	KAISER LOT NUMBER: Z00247114	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 988,000 LB	QUANTITY: 28,000 PCS	S/L NUMBER: 617538	DIAM/DA/THKNS: 	WIDTH: 	LENGTH: 12,000 FT
SHIP TO: 			SOLD TO: 		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00247114	0001	0001	55.2	52.2	16.0	RE 94	N/A	N/A
Z00247114	0001	0002	46.0	41.1	13.9	RE 95	N/A	N/A
Z00247114	0001	0003	46.9	42.8	18.4	RE 92	N/A	N/A
Z00247114	0001	0004	44.0	38.9	18.0	RE 92	N/A	N/A
Z00247114	0001	0005	50.6	47.0	16.9	RE 93	N/A	N/A
Z00247114	0001	0006	44.1	39.0	17.8	RE 91	N/A	N/A
Z00247114	0001	0007	44.2	39.8	15.0	RE 93	N/A	N/A
Z00247114	0002	0001	45.0	39.9	15.4	RE 92	N/A	N/A
Z00247114	0002	0002	49.1	45.1	19.1	RE 93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
106660	.59	.26	.19	.07	.84	.06	.03	.02	.00	.00	.00	.01	.04

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SR221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00261177
Kaiser Order Number: 6021208
Line Item: 001

**KAISER
ALUMINUM
FABRICATED PRODUCTS**

*Best in
Class*

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimeo L. Macnowski, Quality & Technology Manager

Aimeo L. Macnowski

325 rue Avro
Pointe-Claire, QC, Canada, H9R 5W3
Téléphone (514) 697-5120
Fac-simile (514) 694-8310

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER # 201
LAVAL, QC
H7L5R2

commande / order # : 7020941

bon de commande / Purchase order # : OU-47416

de matrice / Die # : MS 9905 Description : 1/2"DIA.ROD****

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

Contrôle / Control # : 85610-2

Coulée / Cast # : 68724

Dureté Rockwell E /
Rockwell E hardness : 90 HRE

Min. requis /
Min. required : 88 HRE

Max. permis /
Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0,20 - 0,60	0,35 Max	0,10 Max	0,10 Max	0,45 - 0,90	0,10 Max	0,10 Max	0,10 Max
6005	0,60 - 0,90	0,35 Max	0,10 Max	0,10 Max	0,40 - 0,60	0,10 Max	0,10 Max	0,10 Max
6005A	0,66 - 0,74	0,14 - 0,28	0,08 - 0,16	0,18 - 0,26	0,46 - 0,54	0,03 Max	0,05 Max	0,05 Max
6061	0,40 - 0,80	0,70 Max	0,15 - 0,40	0,15 Max	0,80 - 1,20	0,04 - 0,35	0,25 Max	0,15 Max
6351	0,7 - 1,3	0,5 Max	0,10 Max	0,40 - 0,80	0,40 - 0,80	---	0,20 Max	0,20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre,
Yours truly,

date : 2017-03-30

Daniel Alfredo Pelletier
Directeur Qualité
Quality Director

RAL 12

45454

68623

RAL 58

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER, #201
LAVAL, QC
H7L6R2

commande order # : 6031289

bon de commande / Purchase order # : OU-45668

de matrice / Die # : MS 9907

Description : 5/8" DIA ROD

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

de contrôle / Control # : 65547-1

de coulée / Cast # :

66092 CB

Dureté Rockwell E /
Rockwell E hardness : 93 HRE

Min. requis /
Min. required : 88 HRE

Max. permis /
Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	P	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6065	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.16 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	---	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,
Yours truly,

date : 2016-05-12



Gilles Pelletier
Technicien de la qualité
Quality technician

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606H6R0563 ^{0.625}
 DATE: JUN 13 2017

PO / BATCH NO.: 036550/M137762

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 20'
 QUANTITY INSPECTED: 20'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .563.625
 THICKNESS RECEIVED: .630.630
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	As per B221
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	HT # 66092
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>CB</u>	SIGNED OFF BY: _____		
DATE: <u>JUN 13 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6R/D DDD
DIA.

WHERE "D DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0 625

RELEASED
2009-09-09
MD

B	REFORMAT DWG. ADD B211& B221 SPEC (ZN D8-1).	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
DRAWING NO. DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B	
TITLE M6061T6R		SHEET 1 OF 1	
6061-T6 ROUND BAR		SCALE NTS	
COPYRIGHT © 2009 DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY PURPOSE OR FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M174R0.750

PO / BATCH NO.: 036550/M137762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .750

QUANTITY RECEIVED: 13.4'

THICKNESS RECEIVED: .750

QUANTITY INSPECTED: 13.4'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y N	AMS 5643
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	HT #SC2917-E30
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>JUN 13 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 17-4 PH / S17400 / TYPE 630 SS ROUND BAR
PER AMS 5643 / ASTM A564

GRAIN MUST BE ALONG LENGTH OF BAR
MINIMUM YIELD TENSILE STRENGTH = 100 KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

ASTM A564

SPECIFICATION: M17-4-R1 X.XXX | WHERE X.XXX = DIAMETER (IN INCHES)
PART NUMBER: O.D.

EG. 3.0" DIAMETER BAR = M17-4-R3.000

RELEASED
2010-06-29
MI

REV.	DESCRIPTION	BY	DATE
A	NEW ISSUE	CP	05.03.16
B	REFORMAT DWG. S17400 TYPE 630 ADDED TO PURCHASE MATERIAL (ZN D8-1), ADD A564 SPEC (C8-1), REF PAR 08-020A	VS	10.05.20
DESIGN	DRAWN	VS	
CHECKED	VS		
MFG. APPR.	C.S.		
APPROVED	M17-4-R		
DE APPR.	17-4 SS ROUND BAR		
DATE	10.05.20		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

REV. B
SHEET 1 OF 1
SCALE
NTS

THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES FOR WHICH IT WAS ORIGINALLY DESIGNED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024 T35.050

PO / BATCH NO.: 0036550/M137762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .050

QUANTITY RECEIVED: 4859PF

THICKNESS RECEIVED: .050

QUANTITY INSPECTED: 4859PF

SHEET SIZE ORDERED: 4x12

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: 4x12

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y N	ASTM B209
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	HF # 01/0067462/5
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u>	SIGNED OFF BY: _____
DATE: <u>JUN 13 2017</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/4 OR AMS-QQ-A-250/4
OR AMS 4037
OR ASTM B209

PART NUMBER:

M2024T3S|XXX|
THK

WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M2024T3S.063

PREFERRED SIZE:

.XXX BY 4FT BY 10FT

RELEASED
2009-03-23
JMP

B	REFORMAT DWG. ADD ASTM B209 SPEC (2N D8-1), PAR 09-02-0A	CP	09.07.07
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.07		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO. M2024T3S		SHEET 1 OF 1	
TITLE 2024-T3 SHEET SPEC		SCALE NTS	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303 RO.500

PO / BATCH NO.: 036550/M137762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .500

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .497

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y	N	ASTM A582
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	N	41# 427059
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>JUN 13 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION:

ASTM A582

PART NUMBER:

M303RD.DDD
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M303R0.750

RELEASED
2010-02-02
JMD

B	REWORK Dwg. ADD SPECS (2N D8-1)	CP	10.01.05
A	REF PART 08020A	DS	01.12.20
REV.	NEW ISSUE	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.05		
DART AEROSPACE LTD		REV. B	
HAWKESBURY, ONTARIO, CANADA		SHEET 1 OF 1	
DRAWING NO. M303R		SCALE NTS	
TITLE 303 ROUND BAR			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.250X4.000

PO / BATCH NO.: 0036550/4137762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .250

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .250

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>ASTM A240</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>HT# 512698</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>JUN 13 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)

△ SPECIFICATION: ASTM A276 OR ASTM A240

PART NUMBER:

M304B | TTTT | WWW.WWW/ | THICK | WIDTH

WHERE "TTT" = THICKNESS IN INCHES
AND "WWW" = WIDTH IN INCHES

△ EG. 0.5" x 3.0" BAR = M304B0.500X3.000
EG. 0.5" x 12.0" PLATE = M304B0.500X12.000

RELEASED
2010-11-30
AM

C	ADDED PLATE TO PURCHASE MATERIAL, ADDED PLATE FROM 304/316 BAR TO 304/316 BAR/PLATE	MB	10.11.25
B	REFORMAT DWG, ADD SPECS (2N DB-1), REF PAR 08.02.01	CP	09.07.15
A	NEW ISSUE	PH	05.06.10
REV.	DESCRIPTION	BY	DATE
DESIGN	PA		
DRAWN	5		
CHECKED	10		
MFG. APPR.	10		
APPROVED	10		
DE APPR.	10		
DATE	10.11.25		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. M304B TITLE 304/316 BAR/PLATE REV. C SHEET 1 OF 1 SCALE NTS COPYRIGHT © 2005 BY DART AEROSPACE LTD. NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B.500X12.500
 DATE: JUN 13 2017

PO / BATCH NO.: 036550/M137762

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500
 THICKNESS RECEIVED: .500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	ASTM A276
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	## TR 013831
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>EB</u> DATE: <u>JUN 13 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)

SPECIFICATION: ASTM A276 OR ASTM A240
PART NUMBER: M304B TTTT | WWW.WWWW | THICK | WIDTH

WHERE "T, TTT" = THICKNESS IN INCHES
AND "WWW.WWWW" = WIDTH IN INCHES
EG. 0.5" X 3.0" BAR = M304B0.500X03.000
EG. 0.5" X 12.0" PLATE = M304B0.500X12.000

RELEASED
2010-11-30

C	ADDED PLATE TO PURCHASE MATERIAL, ADDED PLATE RELATED SPECIFICATIONS, AND EG: CHANGED TITLE FROM 304/316 BAR TO 304/316 BAR/PLATE	MB	10.11.25
B	REFORMAT DWG, ADD SPECS (ZN D6-1), REF PART 08-020A	CP	08.07.15
A	NEW ISSUE	PH	05.06.10
REV.	DESCRIPTION	BY	DATE
DESIGN	DM		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.11.25		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
M304B

TITLE
304/316 BAR/PLATE

REV. C
SHEET 1 OF 1
SCALE
NTS

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304R 1.000

PO / BATCH NO.: 036550/1137762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1"

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .997

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N	ASTM A276
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N	HT# 99X8
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>JUN 13 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS ROUND BAR
(NOTE: AISI 303 NOT ACCEPTABLE)

SPECIFICATION: ASTM A276

PART NUMBER: M304R/D/DDD/DIA

WHERE "D,DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M304R0.750

RELEASED
07/08/25/1/1/1

B	REFORMAT DWG. ADD SPECS (2N DB-1)	CP	09.07.15
A	NEW ISSUE	AJS	08.03.03
REV.	DESCRIPTION		
DESIGN	4.5	DART AEROSPACE LTD	
DRAWN	4.5	HAWKESBURY, ONTARIO, CANADA	
CHECKED	4.5	DRAWING NO. M304R	
MFG. APPR.	4.5	REV. B	
APPROVED	4.5	SHEET 1 OF 1	
DE APPR.	4.5	SCALE NTS	
DATE	09.07.15	304/316 ROUND BAR	

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S209A

PO / BATCH NO.: 1036550/M137762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6459ft
 QUANTITY INSPECTED: 6459ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .048
 THICKNESS RECEIVED: .040
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	ASTM A240
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	HT #222X
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>JUN 13 2017</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION:
MIL-S-5059
OR AMS 5613 (304)
OR AMS 5624 (316)
OR ASTM A240
OR ASME SA240

FINISH:

FINISH IDENTIFIER
UNPOLISHED No. 1
UNPOLISHED No. 2D
UNPOLISHED No. 2B
POLISHED No. 3
POLISHED No. 4
BUFFED No. 5
BUFFED No. 6
BUFFED No. 7
BUFFED No. 8

PART NUMBER:

M304S TT GA #P
[GA]

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325



REV.	DESCRIPTION	BY	DATE
D	ADDED GAUGES 0.7.	AJS	15.01.06
C	DEFINED FINISH OPTION (ZN C8) AND EXAMPLE OF MATERIAL P/N WITH FINISH OTHER THAN 2B (ZN B5).	MB	12.09.20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF (C8-1), REF PAR 08-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24
DESIGN	DESIGN	DS	
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	15.01.06		

RELEASED
2015 FEB 04
Eco 15-122 qf

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. M304S
304/316 SS SHEET
SHEET 1 OF 1
SCALE NTS

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606176 Bc.375x1,000

PO / BATCH NO.: PO36550/M137762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .375

QUANTITY RECEIVED: 40'

THICKNESS RECEIVED: .375

QUANTITY INSPECTED: 40'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N	ASTM B221
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N	H7#13121091A
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>JUN 13 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QA-A-225/8 OR AMS-QA-225/8 (OR AMS 4117/4128/415/4116)
OR QA-A-200/8 OR AMS-QA-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B T.TTT X WWW.WWW/
THICK WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

B	REMOVE QA-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (Zn DF-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AS		
CHECKED	AS		
MFG. APPR.	M6061T6B		
APPROVED			
DE APPR.			
DATE	09.07.13		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. M6061T6B
REV. B
SHEET 1 OF 1
SCALE NTS

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RELEASED
2009-09-03
JMD

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M661+6B1.500X2.500

PO / BATCH NO.: pc36550/113762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.500

QUANTITY RECEIVED: 12

THICKNESS RECEIVED: 1.500

QUANTITY INSPECTED: 12

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	Asm B221
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	HF# 11091602
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>JUN 13 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/415/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B T.TTT X WWW.WWW/
THICK WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

REV	DESCRIPTION	BY	DATE
A	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (Zn-D7-1)	DS	09.07.13
DESIGN	DS		
DRAWN			
CHECKED	ASS		
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6B			
TITLE 6061-T6 BAR			
REV. B			
SHEET 1 OF 1			
SCALE NTS			
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RELEASED
2009-09-03
JMD

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R0.500

PO / BATCH NO.: 036550/MB7762

DATE: JUN 13 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .500

QUANTITY RECEIVED: 40'

THICKNESS RECEIVED: .500

QUANTITY INSPECTED: 40'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	Astm B221
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	14 # 68724
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>OB</u>	SIGNED OFF BY: _____		
DATE: <u>JUN 13 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QA-A-2258 OR AMS-QA-2258 (OR AMS 4117/4128/415/416)
OR QA-A-2008 OR AMS-QA-2008 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TT | X | WWW.WWW |
THICK | WIDTH

WHERE "T.TT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

B	REMOVE QA-A-2501 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (Zn DF-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AS		
CHECKED	AS		
MFG. APPR.	M6061T6B		
APPROVED	TITLE		
DE APPR.	6061-T6 BAR		
DATE	09.07.13		

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RELEASED
2009-09-03
JW



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. M1010-S	REV. A SHEET 1 OF 1
DATE 01.06.13		TITLE 1010-1025 SHEET	SCALE NTS
A	01.06.13	NEW ISSUE	
A1	04.03.09 #49	ADD ASTM A1008 AND COLD ROLLED	

PURCHASE MATERIAL :

ATSI 1010-1025 OR ASTM ~~A36~~ A366/A1008
OR CSA G40-21, 38W/44W/50W/60W/70W
MINIMUM YIELD TENSILE STRENGTH = 28 ksi
MINIMUM ULTIMATE TENSILE STRENGTH = 42 ksi
COLD ROLLED

PART NUMBER:

M1010-S TT GA WHERE TT = GAUGE THICKNESS
GA

EG. 16 GAUGE STEEL = M1010-S16 GA

RELEASED
01.02.15 #

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36550**

Purchase Order Date 6/2/2017

PO Print Date 6/5/2017

Page Number 1 of 7

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M1010S.125	1010-1025 sheet .125	6/8/2017 Yes 6/8/2017		32.00 sf	\$2.65	\$84.72

MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W
MINIMUM YIELD TENSILE STRENGTH = 28KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 42 KSI
COLD ROLLED

SP17-6-12

Line Total: \$84.72

2	M174B0.250X4.000	17-4 BAR 0.250" X 4.000"	6/21/2017 Yes 6/21/2017		12.00 f	\$31.83	\$382.00
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MATERIAL: 17-4 PH SS BAR AS PER AMS 5604 / 5643
GRAIN DIRECTION MUST BE ALONG LENGTH
MINIMUM YIELD TENSILE STRENGTH = 100KSI
MINIMUM ULTIMATE TENSILE = 150 KSI

Line Total: \$382.00

PO Instructions: quotation sou0036564

Note:

6/5/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36550**

Purchase Order Date 6/2/2017

PO Print Date 6/5/2017

Page Number 2 of 7

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3	M174R0.750	17-4 round bar .750	6/8/2017	12.00	\$8.17	\$98.00
			Yes	f		
			6/8/2017			

17-4PH/S17400/TYPE 630 SS ROUND BAR PER AMS 5643/ASTM A564
GRAIN MUST BE ALONG LENGTH OF BAR. MINIMUM YIELD TENSILE STRENGTH = 100KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

Line Total: \$98.00

4	M2024T3S.050	2024-T3 .050 sheet	6/8/2017	48.00	\$6.95	\$333.59
			Yes	sf		
			6/8/2017			

MATERIAL: 2024-T3 ALUMINUM SHEET
AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037
OR ASTM B209

Line Total: \$333.59

5	M303R0.500	303 Round Bar 0.500"	6/8/2017	12.00	\$2.57	\$30.89
			Yes	f		
			6/8/2017			

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

PO Instructions: quotation sou0036564

Note:

6/5/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36550**

Purchase Order Date 6/2/2017

PO Print Date 6/5/2017

Page Number 3 of 7

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$30.89

6	M304B0.250X4.000 ✓	304 BAR .250 x 4.00 ✓	6/8/2017 Yes 6/8/2017	12.00 ✓ f	\$9.93	\$119.12
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$119.12

7	M304B0.500X2.500 ✓	304 BAR .500 x 2.50 ✓	6/8/2017 Yes 6/8/2017	12.00 f	\$12.92	\$155.00
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$155.00

12.1"
SP17-612

PO Instructions: quotation sou0036564

Note:

6/5/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36550**

Purchase Order Date 6/2/2017

PO Print Date 6/5/2017

Page Number 4 of 7

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

8	M304R1.000 ✓	304 round bar 1.00 ✓	6/8/2017 Yes 6/8/2017	12.00 ✓ f	\$8.49	\$101.87
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MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

Line Total: **\$101.87**

9	M304S20GA ✓	304/316 .040 Sheet ✓	6/8/2017 Yes 6/8/2017	64.00 ✓ sf	\$3.91	\$250.14
---	-------------	----------------------	-----------------------------	---------------	--------	----------

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED
SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
ORASTMA240
OR ASME SA240

Line Total: **\$250.14**

PO Instructions: quotation sou0036564

Note:

6/5/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36550**

Purchase Order Date 6/2/2017

PO Print Date 6/5/2017

Page Number 5 of 7

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

10	M6061T6B0.375X01.000	6061T6 BAR .375 x 1.00	6/8/2017	40.00	\$1.12	\$44.81
			Yes	f		
			6/8/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$44.81

11	M6061T6B1.500X02.500	6061-T6 Bar 1.50 x 2.50	6/8/2017	12.00	\$13.22	\$158.59
			Yes	f		
			6/8/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$158.59

12	M6061T6B2.000X01.250	6061-T6 Bar 2.00 x 1.25	6/8/2017	12.00	\$9.38	\$112.53
			Yes	f		
			6/8/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

PO Instructions: quotation sou0036564

Note:

6/5/2017

88176-12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36550

Purchase Order Date 6/2/2017

PO Print Date 6/5/2017

Page Number 6 of 7

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

800 667 4248

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total:

\$112.53

13 M6061T6R0.500

6061-T6 Round Bar .500"

6/8/2017

40.00

\$0.58

\$23.37

Yes

6/8/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total:

\$23.37

14 M6061T6R0.563

6061-T6 ROUND BAR
.563

6/8/2017

20.00

\$0.97

\$19.49

Yes

6/8/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total:

\$19.49

PO Instructions: quotation sou0036564

Note:

6/5/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36550**

Purchase Order Date 6/2/2017

PO Print Date 6/5/2017

Page Number 7 of 7

Order From :

VC-CAM002

Ship To : DART AEROSPACE LTD

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

800 667 4248

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

15 71401-45

PROCUREMENT
QUALITY CLAUSES

6/8/2017

1.00

\$0.00

\$0.00

No

6/8/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

597-6-12

Line Total:

\$0.00

PO Total:

\$1,914.12

PO Instructions: quotation sou0036564

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 3

Change Date: 6/5/2017